

Amendments to the Specification

Please replace paragraph [0019] which begins at page 10, line 1, with the following amended paragraph:

Examples of components in the hole blocking layer are a metal alkyloxide, such as a metal propoxide like titanium isopropoxide ~~isopropoxide~~ (TIP), zirconium isopropoxide ~~isopropoxide~~, titanium methoxide, titanium butoxide, zirconium butoxide, titanium ethoxide, and the like; a silane, such as an alkylalkoxysilane like 3-aminopropyltrimethoxysilane (APS), 3-aminopropyltriethoxysilane, 3-aminopropyl diisopropylethoxysilane, 3-aminopropylmethyl diethoxysilane or 3-aminopropylpentamethyldisiloxane, and the like, such as an aminophenyltrimethoxysilane; a polymer of PMMA, PVB, and mixtures thereof; polyvinyl alcohol, poly(hydroxyethyl methacrylate), poly(hydroxypropyl acrylate) and poly(vinylpyrrolidone); a copolymer like a vinyl halide, especially a vinyl chloride copolymer like poly(vinyl chloride-co-vinyl acetate), poly(vinyl chloride-co-vinyl acetate-co-vinyl alcohol), poly(vinylidene chloride-co-methyl acrylate) or poly(vinyl chloride-co-isobutyl vinyl ether), and the like, and wherein the solvent selected for the coating solution is a suitable organic solvent like MEK, THF, toluene, an alcohol like 1-propanol, ethanol, 1-butanol, and acetone. In embodiments, the amounts of components present in the final composition can be, for example, metal alkyloxide, such as titanium isopropoxide, of from about 5 percent to about 95, and more specifically, from about 20 percent to about 80 percent; the silane, such as 3-aminopropyltrimethoxysilane, of from about 95 percent to about 5 percent, and more specifically, from about 80 percent to about 20 percent; the binder polymer, such as PVB, of from about 1 percent to about 99 percent, and more specifically, from about 5 percent to about 70 percent; the solvent to, for example, control the viscosity of the coating solution of from about 5 to about 95 weight percent, and more specifically, from about 15 to about 80 percent.

Please replace paragraph [0027] which begins at page 14, line 1, with the following amended paragraph:

Examples of specific aryl amines are ~~*N,N'*-diphenyl-*N,N'*-bis(alkylphenyl)-1,1'-biphenyl-4,4'-diamine~~ *N,N'*-diphenyl-*N,N'*-bis(alkylphenyl)-1,1'-biphenyl-4,4'-diamine wherein alkyl is selected from the group consisting of methyl, ethyl, propyl, butyl, hexyl, and the like; and *N,N'*-diphenyl-*N,N'*-bis(halophenyl)-1,1'-biphenyl-4,4'-diamine wherein the halo substituent is preferably a chloro substituent. Other known charge transport layer molecules can be selected, reference for example, U.S. Patents 4,921,773 and 4,464,450, the disclosures of which are totally incorporated herein by reference.